

Presentation Academy
Junior
Program of Studies
2007 – 2008

Fine Arts: Intro to Art Painting Drawing Three-Dimensional Art Chorus III (½ credit) or Study
EARN 7 or 7 ½ credits

REQUIRED CLASSES
Theology III
English III or Honors English III
Math: Geometry Algebra II Honors Pre Calculus AP Calculus
Science: Chemistry Environmental Science Chemistry II/Physics AP Biology
Social Studies: U.S. History or Honors U.S. History
ELECTIVE CLASSES (Choose two)
World Languages: Spanish or French
English: Women’s Studies (½ credit) Creative Writing (½ credit) Film Studies (½ credit) Yearbook
Leadership: Leadership Seminar
Technology: Web Design (½ credit) Computer Graphics (½ credit) Digital Photography & Video
Science: Anatomy & Physiology
Social Studies: Psychology Sociology (½ credit) Global Issues (½ credit)

DUAL CREDIT: SPALDING/PRESENTATION

Presentation juniors and seniors who qualify may take classes at Spalding University for both high school and college credit. Classes would be considered elective courses.

A student interested and qualified to take courses for high school and college credit should make those desires known, early on, to a member of the Scheduling Advisory Team. Team members are Ms. Christensen, Ms. Wardrip, Ms. Wine, and Ms Hammer. There is a section on the official registration form that also needs to be marked.

A student should declare her interest in regularly scheduled college classes from listings readily available from members of the administrative staff at Presentation Academy and from the University. Additional fees are charged for college credit classes.

The following criteria are used to determine student eligibility in this dual credit program:

1. 3.50 GPA (cumulative)
2. 90th percentile or above on the PLAN, or 80th percentile or above on the PSAT are recommended.
3. Recommended by the Vice Principal at Presentation Academy or through Presentation Academy faculty recommendations.

THEOLOGY III

(Required course)

Christian Morality and Ministry

Life issues ranging from abortion to euthanasia will be examined and discussed as students are challenged to make informed decisions using Catholic Christian principles and to live a virtuous life. The course will also explore the development of ministry throughout Christian tradition and how we are all called to love and service. Students are required to do 15 hours of service at an agency that provides works of mercy.

Credit: Two semesters; 1 credit

ENGLISH (Required course)

English III American Literature

The junior literary study is centered on American writers. The readings serve as a springboard for writing. The direction of the writing varies from creative (short stories) and poetry to formal research and analytical papers. The standards for English composition, which were introduced in English I and II will continue to be reviewed and stressed.

Prerequisites: English I, II
Credit: Two semesters; 1 credit

Honors English III (Required course)

See English III for a general description of the junior English curriculum. A junior who enrolls in Honors English III can expect to develop and expand her analytical skills through extended writing opportunities. Additional outside reading and research are required.

Prerequisites: English I, II, teacher signature
Credit: Two semesters; 1 credit

Yearbook (Elective course)

This course works to develop skills in copywriting, editing, layout, and design of the printed page. Awareness of lighting and focus in photography is developed. The student is expected to be involved in the planning and production of all phases of the yearbook, *The Tower*.

Prerequisite: Student interview, teacher signature
Credit: Two semesters; 1 credit

Women's Studies (Elective course)

A one semester elective for juniors and seniors, this course will involve the study of an historical overview of women writers in and prior to the nineteenth century. Students will read selected works of women writers of the 20th century and be encouraged to develop and express their own voices through personal writing.

Credit: One semester; ½ credit

Creative Writing (1st and 2nd semesters) (Elective course)

Creative Writing is open to junior and/or senior students. It is a workshop-style class. The student writes in several forms: poems, dialogues, monologues, and short stories, writing games, and a variety of stimulating and entertaining exercises for the benefit of the writer's eye, writer's ear, and writer's craft. Students establish a trusting community with other writers,

serving each other as an appreciative audience and as sympathetic and constructive critics.

The instructional foundation of the course is that writing "talent" belongs to everyone and anyone; each student is a potentially gifted writer, and the student has experience that calls for imaginative expression and the search for her unique voice.

Prerequisites: Juniors must obtain teacher signature
Credit: One semester: ½ credit each semester

Film Studies

This class focuses on how to read cinematic texts as artifacts of visual culture. The aim of this course is to provide the student with a general knowledge of the history of cinema, to demonstrate how movies are made, and to introduce some of the most influential films and filmmakers of the modern film period. We will also connect the various films that we're watching throughout the semester. While attending to these areas of focus, we will closely "read" each film by analyzing specific shots, scenes, and cuts in detail to become better readers of the visual culture around us.

Prerequisites: English II teacher signature
Credit: one semester, ½ credit

MATHEMATICS

Geometry (Required course)

Euclidean geometry as a logical system of thought is studied using both inductive and deductive approaches. The concepts of perpendicular, parallel, congruence, and similarity are used to explore polygons and circles. A study of the right triangle includes the Pythagorean Theorem. Real world applications include finding the area of plane figures and the volume of solids. Throughout the course, algebra is used in the application of geometric theorems.

Prerequisite: Algebra I
Credit: Two semesters; 1 credit

Algebra II (Required course)

This course is a logical continuation and further development of the concepts introduced in Algebra I. Special emphasis is placed on linear equations, algebraic functions, inequalities, fractional equations, quadratic equations, and word problems. The laws of exponents and logarithms are studied. Complex numbers, radical equations, conic sections and sequences and series are introduced. The graphing calculator is used as a teaching aid throughout the course.

Prerequisite: Algebra I, Geometry
Credit: Two semesters; 1 credit

Pre-Calculus (Elective course)

The topics included in this course are functions, their inverses, their graphs, and their applications. The functions studied include the following: polynomial, rational, exponential, logarithmic, and trigonometric. This course covers trigonometry with a special emphasis on the unit circle. Other topics include matrices, and solving systems of equations.

Prerequisite: Algebra II (“C” average), teacher signature

Credit: Two semesters; 1 credit

Honors Pre-Calculus (Elective course)

This course is intended for a student who will take Calculus as her next mathematics course. The topics included in this intense course are functions, their inverses, their graphs and their applications. The functions studied include the following: polynomial, rational, exponential, logarithmic, trigonometric, and absolute value functions. This course covers trigonometry with a special emphasis on the unit circle. Also included are conic sections, matrices and determinants, sequences and series, and an introduction to limits.

Prerequisite: Honors Algebra II, teacher signature

Credit: Two semesters; 1 credit

Finite Math (Elective course)

This course is intended for a student with a strong background in math who is looking for an additional math course during her junior or senior year. Topics include linear programming, financial math, probability and statistics, and logic. This course may be taken concurrently with Honors Pre-calculus or AP Calculus.

Prerequisite: Pre Calculus, teacher signature

Credit: Two semesters; 1 credit

AP Calculus (Elective course)

This course emphasizes limits, continuity, and asymptotes. The derivative as the slope of the tangent line and as instantaneous rate of change forms the basis for solving problems of velocity and acceleration, extrema, related rates, and approximations with differentials. Different techniques of integration are used to work problems of area, and volumes of solids. Trigonometric, logarithmic, and exponential functions are included in all phases of the course work.

Prerequisite: Honors Pre-Calculus, teacher signature

Credit: Two semesters; 1 credit

SCIENCE

Chemistry I (Elective course)

This is a science college-preparatory course. The course deals with matter, its structure and properties, chemical reactions, and applications of chemical principles to everyday life. Emphasis is placed on scientific literacy and on

scientific reasoning through the use of observations, experimentation, quantitative laboratory investigations, technological application, mathematical applications, and problem solving.

Prerequisite: “C” average in previous science and math courses, Algebra II or concurrent enrollment, signature of math as well as science teacher

Credit: Two semesters; 1 credit

Environmental Science (Elective course)

This course is designed for the student who is interested in ecology and environmental issues. The course will focus on study of habitats, air, water, soil, pollution, and other ecological principles. Emphasis will be placed on interpreting data such as tables, charts, graphs, and observations. Analysis of these data will be emphasized with problem-solving activities and hands-on laboratory investigations with technological applications.

Prerequisite: Satisfactory completion of two previous science courses

Anatomy and Physiology (Elective course)

This course is designed for students interested in the biological sciences and planning to pursue a degree in a science-related discipline in college. The course will focus on the anatomy (structure) and physiology (function) of the human body. Lab work will emphasize the relatedness of structure to function with the human system and the interconnectedness of each system within the body. Authentic assessment tools as well as group and self-evaluation exercises are incorporated into the curriculum.

Prerequisite: Biology I (C average), teacher signature

Credit: Two semesters; 1 credit

Chemistry II/Physics (Elective course)

This is a science college-preparatory course. It is highly recommended for any student considering science as a college major. This course fulfills a science requirement. Emphasis is on applying mathematical principles to scientific models and the physical universe. The first semester will deal with applying information used in Chemistry I to physical models on an atomic level. Transference of energy, solutions, acids, bases and salts, equilibrium, and thermodynamics will be covered. The second semester will deal with fundamental laws governing the physical universe. Motion, velocity, acceleration, forces, Newton’s laws, and vector motion will be covered. The ability to apply mathematical principles is essential to this course and will be developed in the students. Problem solving and developing scientific and computer literacy will be emphasized.

Prerequisite: Pre Calculus or concurrent enrollment, Chemistry I (B average), Algebra II (C+ average) and science teacher signature

Credit: Two semesters; 1 credit

AP Biology

(Elective course)

The curriculum for this course is based on National Advanced Placement Biology Guidelines. Course content includes units on evolution, cellular biochemistry, molecular biology, genetics, plant biology, anatomy, and physiology. Discussion and research into technological advances in the field of biology are integral parts of this course. Laboratory work includes computerized activities as well as dissections of preserved fetal pig specimens, genetics studies, and biochemical analyses. This course is intended for students who intend to pursue a career in the science field. Students are encouraged to take the AP Exam in May.

Prerequisite: Biology I and Chemistry I (“B” average), teacher signature

Credit: Two semesters; 1 credit

SOCIAL STUDIES**United States History**

(Required course)

This course includes a chronological study of American history since the Civil War, with an emphasis on the history of ideas as well as the record of events. The study is set within a broad framework that gives greater attention to the 20th century. The study will focus on causes and effects, and broad historical themes. Historical data will be integrated with issues that impact students’ lives and help students make informed decisions about the civic life in which they participate.

Credit: Two semesters; 1 credit

Honors United States History

(Required course)

See United States History for general description of the junior Social Studies curriculum. Additional papers, readings, and course work will be required to provide a deeper understanding of the material. This class may be taken for Dual Credit with Spalding University.

Prerequisite: World Civilization, teacher signature

Credit: Two semesters; 1 credit

Psychology

(Elective course)

This course is an introduction to the study of behavior with an emphasis on the theories, methods and application of knowledge to real-life situations. Topics to be covered include personality and personality development, learning, sensation and perception, abnormal behavior, gender differences, death and dying, and methods of psychological research.

Credit: Two semesters; 1 credit

Sociology

(Elective course)

This one semester course is an introduction to the concepts and methods of sociology and sociological research. Topics to be covered include

socialization, group processes, social institutions, social issues, and social change.

Credit: One semester; ½ credit

Global Issues

(Elective course)

This course is designed to prepare students to analyze the events of the world around them. Using a weekly news magazine as a backdrop and building on their knowledge of World History and current events, students will gain a better understanding of topics relating to government, international affairs, social issues, technology, and globalization.

Credit: One semester; ½ credit

WORLD LANGUAGES

(Required course)

Presentation's World Language Department offers four years of French and Spanish instruction. In all levels, speaking, listening, reading and writing skills are stressed. Emphasis on cultural knowledge is also part of this experience.

A minimum of two years of a world language is required for the college bound student. The signature of the Spanish II or the French II teacher is required before the student may enter an advanced level, i.e. Spanish/French III; Spanish/French IV; AP Spanish.

Prerequisite:

French I Must meet placement criteria

French II Satisfactory completion of French I

Spanish I Must meet placement criteria

Spanish II Satisfactory completion of Spanish I

French III French II teacher signature (Elective course)

LEADERSHIP**Leadership Seminar**

(Elective course)

This one semester class will offer the student an opportunity to enhance self-knowledge, build an awareness of her capacity for leadership and to strengthen her leadership skills. It will help her develop her unique style of leadership through activities, readings, speakers, and discussion.

Prerequisite: Application essay, Leadership Coordinator signature.

Credit: One semester; ½ credit

TECHNOLOGY**Computer Graphic Design**

(Elective course)

Students will use Adobe Illustrator and Photoshop Elements software to create original pieces of commercial art, such as business stationery, magazine covers, and restaurant menus. In addition to technical skills, students will learn to use text, graphics, and color effectively to convey meaning in their work.

Prerequisite: Freshman Computer Skills Course

Credit: One semester; ½ credit

Web Design (Elective course)
Students will learn to create functional, professional-looking web pages and multi-page sites for a variety of audiences. Students will learn to use HTML code, as well as Macromedia Studio applications.
Prerequisite: Computer Graphic Design
Credit: One semester, 1/2 credit

Digital Photography and Video (Elective course)
During first semester students will learn principles of digital photography (resolution, storage, file formats, photo composition, lighting) and will use Photoshop Elements software to manipulate images they have captured with digital cameras. During second semester students will learn to record video with a digital camcorder and will use Windows Movie Maker software to edit their digital videos. They will produce videos that combine text, computer-generated graphics, digital photos, digital video, and sound.
Prerequisite: Freshman Computer Skills Course
Credit: Two semesters; 1 credit

FINE ARTS

Introduction to Art (Elective course)
This course is a basic art class that introduces and reviews the elements and principles of art through the use of several different types of art media. Students explore the different sections of art offered at Presentation, which include: drawing, painting, ceramics, and sculpture. Art history is also studied as a part of this course.
Credit: Two semesters; 1 credit

Portfolio Review Option (Placement Option)
Students who wish to take art at the advanced level (Drawing, Painting, 3-D: Ceramics and Sculpture) but have not yet taken Introduction to Art, may go through Portfolio Review. Students must submit a portfolio containing at least one piece of artwork from each of the above areas (2-D work and 3-D work) as well as give written critiques and/or descriptions about their work. Students who are interested must see the art teacher for a packet/checklist to complete and obtain the teacher's signature for entrance into the desired advanced art class.

Drawing (Elective course)
In this course, students enhance their drawing skills by exploring different types of media, such as: pencil, charcoal, ink, pastels, etc. Studio projects are designed to incorporate student-driven ideas as well as the elements and principles of art and/or art history. Students are required to write a gallery review each semester as well as complete an art history-based midterm.
Prerequisite: Introduction to Art or pass Portfolio Review
Credit: Two semesters; 1 credit

Painting (Elective course)
In this course, students enhance their painting skills by exploring different types of media, such as: watercolor, acrylics, and oils. Different painting techniques are covered in this course: glazing, impasto, and other blending styles. Studio projects are designed to incorporate student-driven ideas as well as the elements and principles of art and/or art history. Students are required to write a gallery review each semester as well as complete an art history-based midterm.
Prerequisite: Introduction to Art or pass Portfolio Review
Credit: Two semesters; 1 credit

3 Dimensional Art: Sculpture and Ceramics (Elective course)
In this course, students enhance their hand-building and construction skills by exploring different types of media in a three-dimensional form as opposed to a two-dimensional one. First semester covers Ceramics, in which students explore clay as an art form by learning how to control the clay through a variety of techniques, such as pinching, modeling, coiling, and slab construction. Students also learn the process of glazing and firing. Second semester covers Sculpture, in which students explore many different types of media as art, such as wire, paper, found objects, etc. Studio projects are designed to incorporate student-driven ideas as well as the elements and principles of art and/or art history. Students are required to write a gallery review each semester as well as complete an art history-based midterm.
Prerequisite: Introduction to Art or pass Portfolio Review
Credit: Two semesters; 1 credit

Tower Chorus (Elective course)
Tower Chorus is an auditioned chorus for juniors and seniors. A member is required to maintain a standard of excellence in performances. Performances are varied, such as school concerts and functions, KMEA Festival, various types of community functions and The King's Island Choral Festival by teacher recommendation. Students are expected to grasp the concepts needed to perform according to the standards of excellence in music for which she will be periodically tested. This chorus meets during the school day. Members are required to pay a fee to cover music and other needs. (Prezettes are excused from this fee.)
Prerequisite: Audition, participated in Choir I and II.
Credit: Two semesters; ½ credit

Prezettes
Prezettes is a select, auditioned group for juniors and seniors. A member is required to maintain a standard of excellence in performances. Performances are varied, such as school concerts and functions, KMEA Festival, and various types of community functions. Students are expected to grasp the concepts needed to perform according to the standards of excellence in music

for which she will be periodically tested. Members are required to purchase a choral dress and black character shoes. There is no fee. This choir meets during the school day.

Prerequisite: Audition, participated in Chorus I, II and is currently enrolled in Tower Chorus.

Credit: $\frac{1}{2}$ credit

Credit: Two semesters; 1 credit